Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053671.D
Acq On : 23 May 2022 19:29
Operator : CG/JU
Sample : N2968-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-39

Quant Time: May 24 05:10:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 05:05:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.058	152	29542	20.000	ng		0.00
21) Naphthalene-d8	10.872	136	115976	20.000	ng	#	0.00
39) Acenaphthene-d10	14.690	164	86669	20.000	ng		0.00
64) Phenanthrene-d10	17.434	188	197514	20.000	ng		0.00
76) Chrysene-d12	21.710	240	200828	20.000	ng		0.00
86) Perylene-d12	24.977	264	204222	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.638	112	97704	56.129	ng		0.01
7) Phenol-d6	7.236	99	95035	35.974	ng		0.00
23) Nitrobenzene-d5	9.227	82	255208	93.673	ng		0.00
42) 2,4,6-Tribromophenol	16.183	330	188102	147.154	ng		0.00
45) 2-Fluorobiphenyl	13.310	172	585708	98.753	ng		0.00
79) Terphenyl-d14	20.042	244	1003366	93.052	ng		0.00
Target Compounds							Qvalue
17) 2-Methylphenol	8.516	107	3786	2.168	ng		94
20) 3+4-Methylphenols	8.845	107	28463	11.540	ng		93
27) 2,4-Dimethylphenol	10.044	122	46401	28.869	ng		95
31) Naphthalene	10.925	128	1360945	230.692	ng		98
37) 2-Methylnaphthalene	12.523	142	527621	119.843	ng		99
38) 1-Methylnaphthalene	12.740	142	388291	90.396	ng	#	97
46) 1,1'-Biphenyl	13.521	154	53846	9.115	ng		99
52) Acenaphthene	14.749	154	12493	2.838	ng		92
55) Dibenzofuran	15.084	168	21314	2.696	ng	#	71
58) Fluorene	15.736	166	27284	4.300	ng		96
71) Phenanthrene	17.475	178	32826	3.268	ng	#	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053671.D
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Misc :
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Instrument :
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Quant Time: May 24 05:10:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 05:05:32 2022
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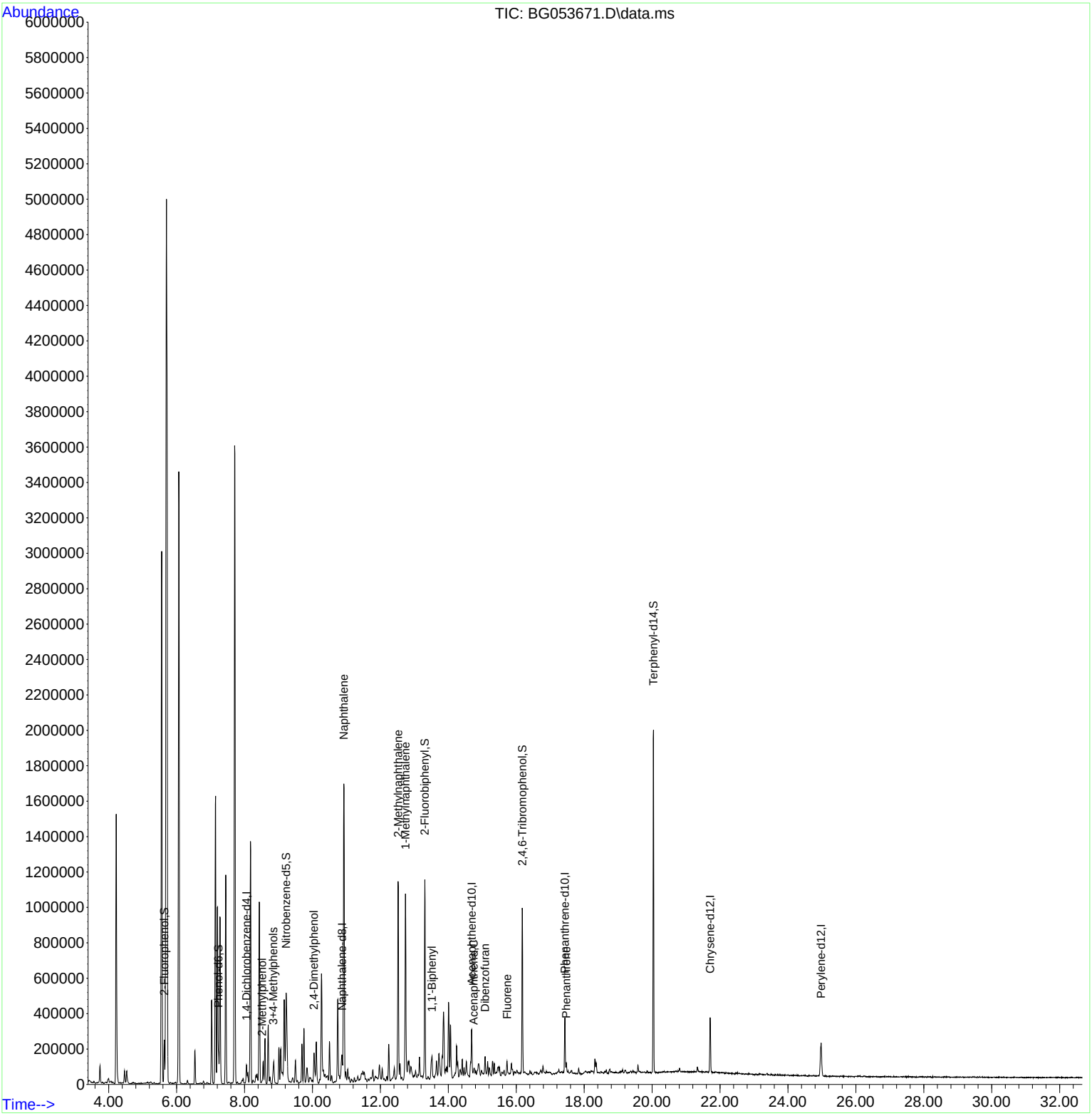
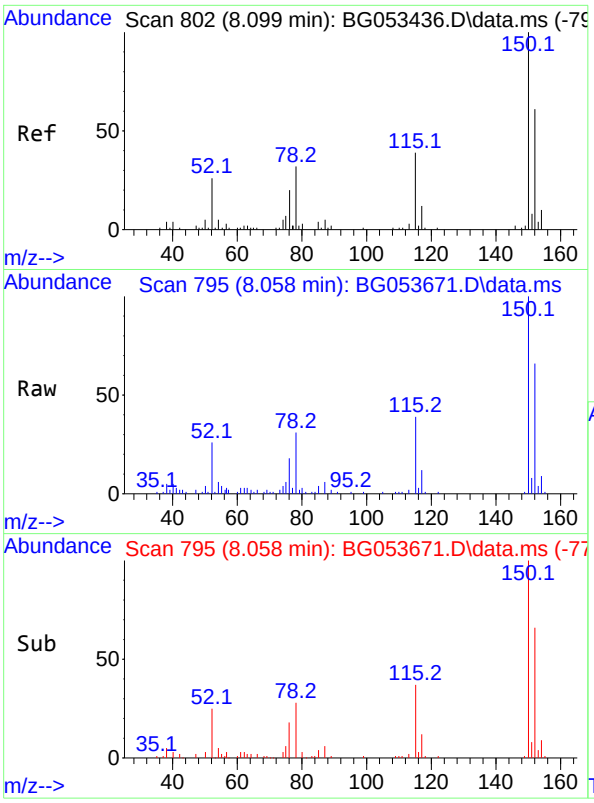


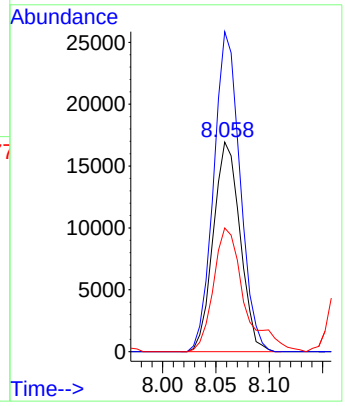


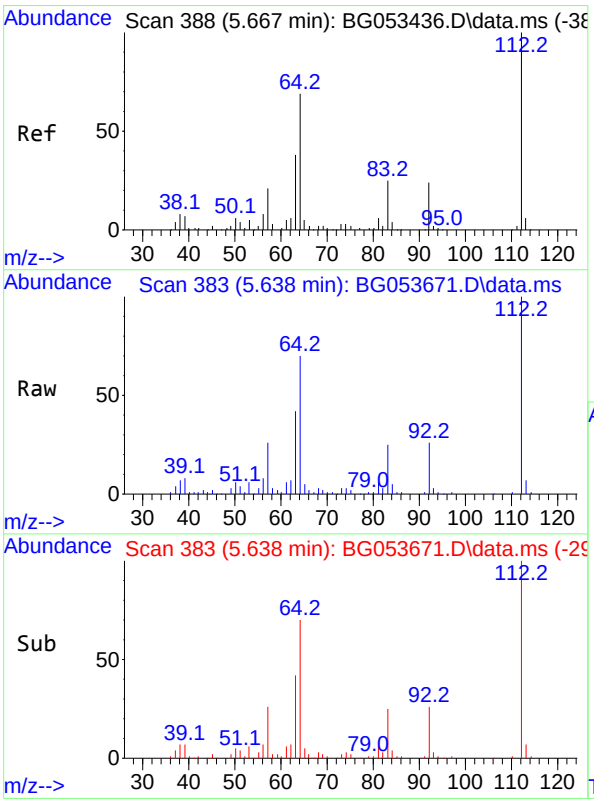
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.058 min Scan# 7
Delta R.T. 0.000 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Instrument :
BNA_G
ClientSampleId :
MW-39

Tgt Ion:152 Resp: 29542

Ion	Ratio	Lower	Upper
152	100		
150	152.6	131.6	197.4
115	59.0	50.9	76.3

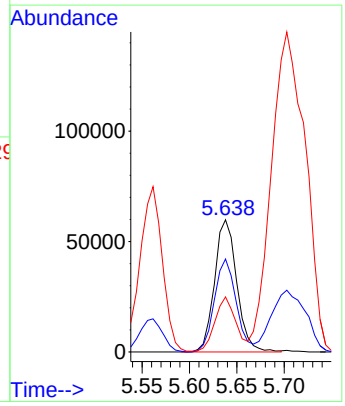


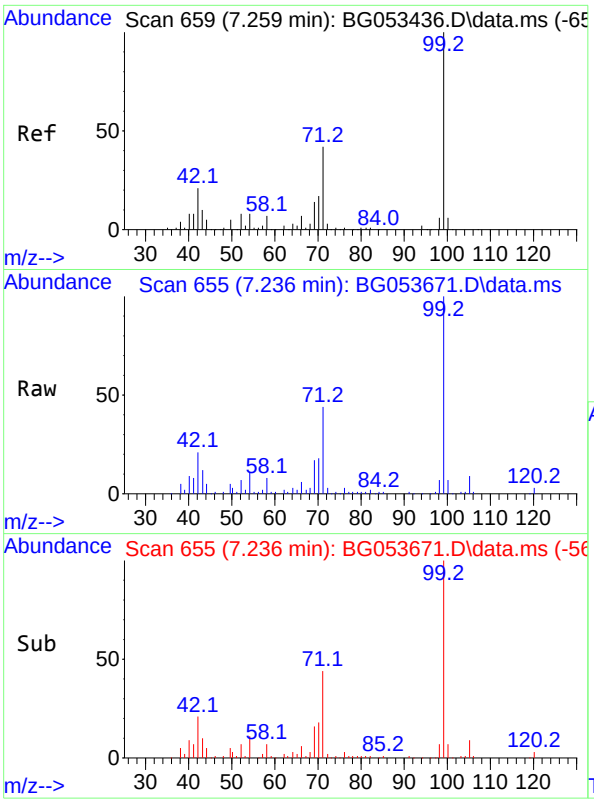


#5
2-Fluorophenol
Concen: 56.129 ng
RT: 5.638 min Scan# 383
Delta R.T. 0.012 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Tgt Ion:112 Resp: 97704

Ion	Ratio	Lower	Upper
112	100		
64	70.4	55.1	82.7
63	41.6	30.4	45.6



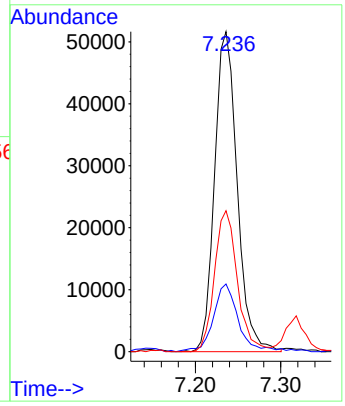


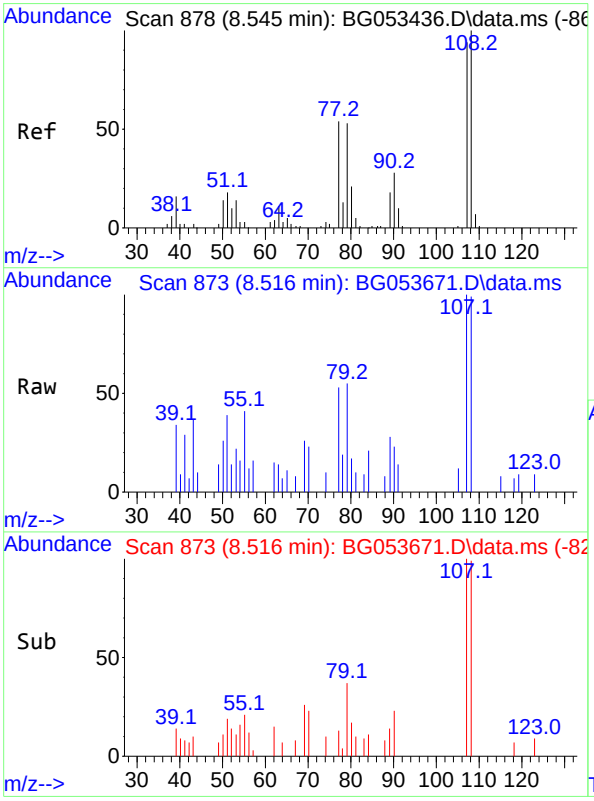
#7
Phenol-d6
Concen: 35.974 ng
RT: 7.236 min Scan# 6
Delta R.T. 0.006 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Instrument :
BNA_G
ClientSampleId :
MW-39

Tgt Ion: 99 Resp: 95035

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.0	25.6
71	44.0	33.8	50.8

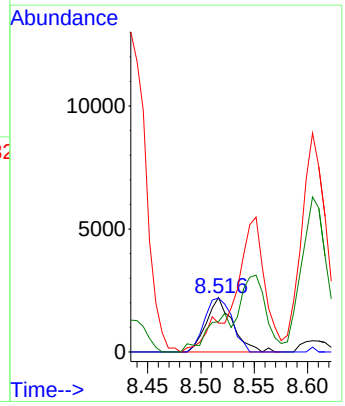


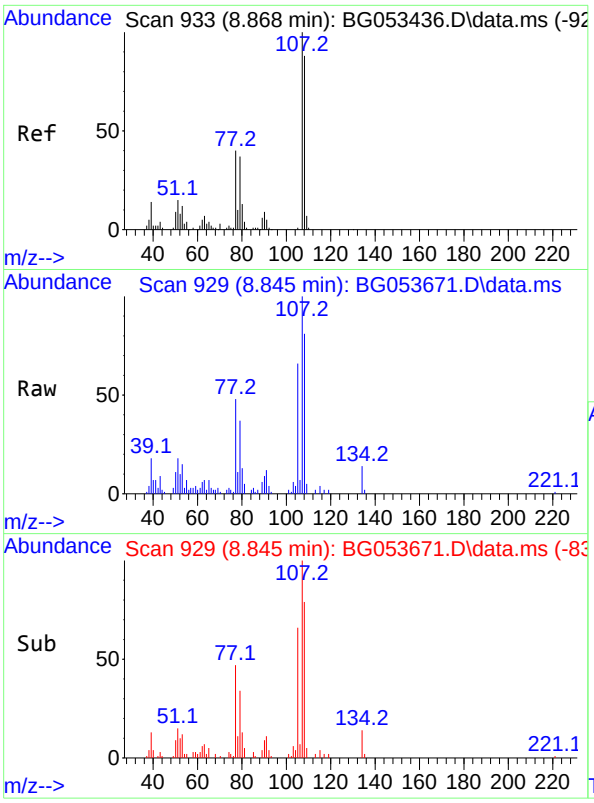


#17
2-Methylphenol
Concen: 2.168 ng
RT: 8.516 min Scan# 873
Delta R.T. 0.006 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Tgt Ion:107 Resp: 3786

Ion	Ratio	Lower	Upper
107	100		
108	99.0	85.4	128.0
77	53.0	46.2	69.2
79	55.4	46.1	69.1



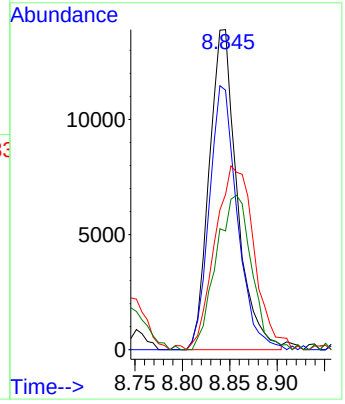


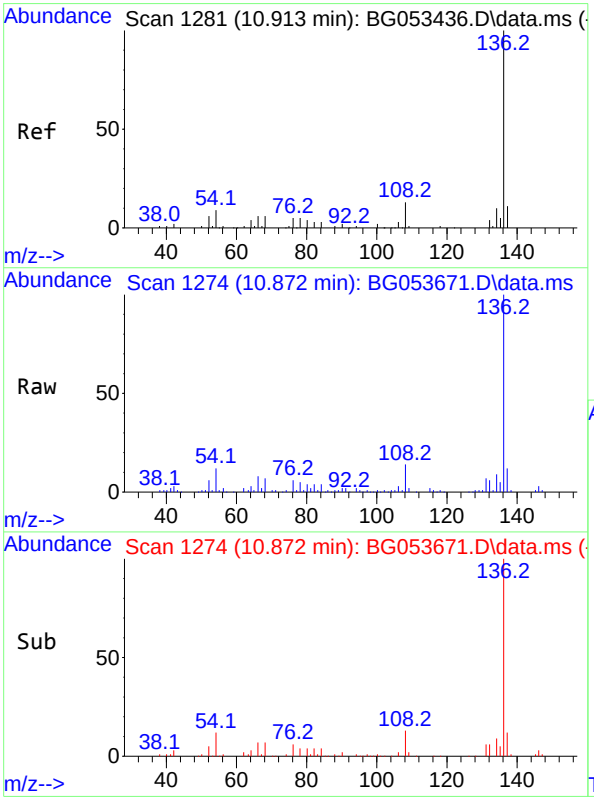
#20
3+4-Methylphenols
Concen: 11.540 ng
RT: 8.845 min Scan# 9
Delta R.T. 0.006 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Instrument :
BNA_G
ClientSampleId :
MW-39

Tgt Ion:107 Resp: 28463

Ion	Ratio	Lower	Upper
107	100		
108	81.1	67.5	107.5
77	48.4	20.3	60.3
79	37.1	16.7	56.7

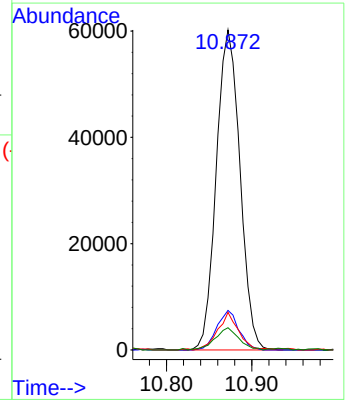


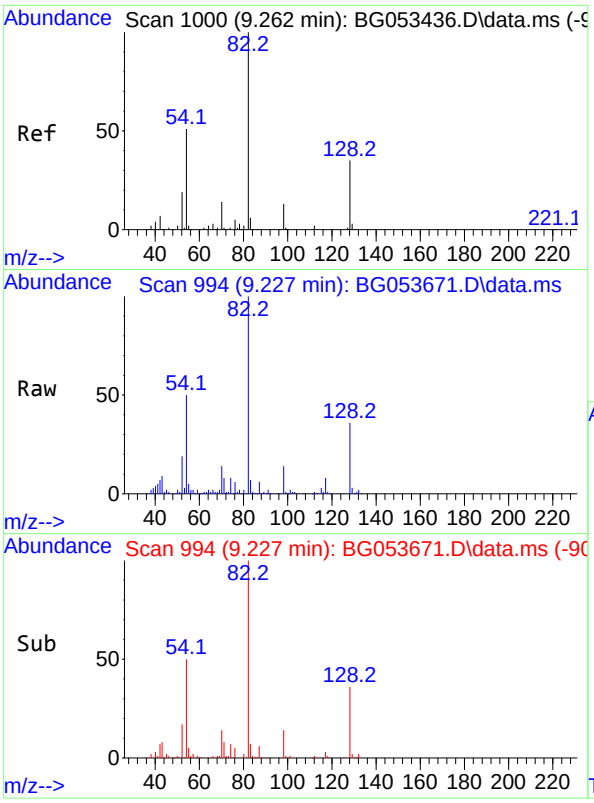


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.872 min Scan# 1274
Delta R.T. 0.001 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Tgt Ion:136 Resp: 115976

Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.5	12.7
54	11.7	7.4	11.2#
68	7.0	4.9	7.3



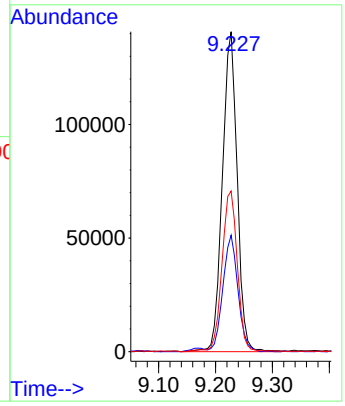


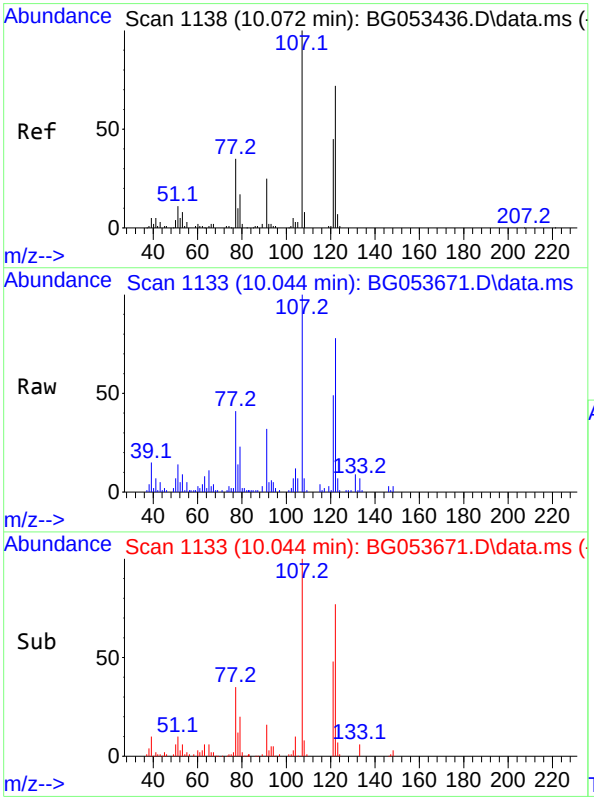
#23
Nitrobenzene-d5
Concen: 93.673 ng
RT: 9.227 min Scan# 9
Delta R.T. 0.001 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Instrument :
BNA_G
ClientSampleId :
MW-39

Tgt Ion: 82 Resp: 255208

Ion	Ratio	Lower	Upper
82	100		
128	36.4	27.9	41.9
54	50.2	41.2	61.8

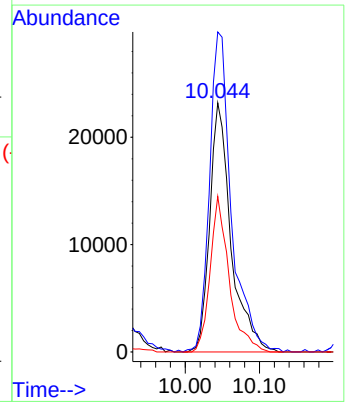


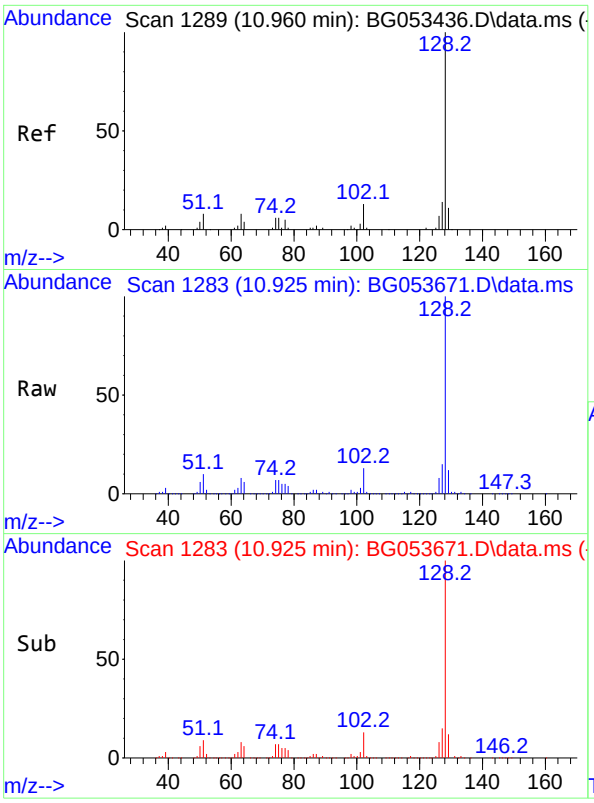


#27
2,4-Dimethylphenol
Concen: 28.869 ng
RT: 10.044 min Scan# 1133
Delta R.T. 0.001 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Tgt Ion:122 Resp: 46401

Ion	Ratio	Lower	Upper
122	100		
107	128.5	109.4	164.0
121	62.4	48.7	73.1



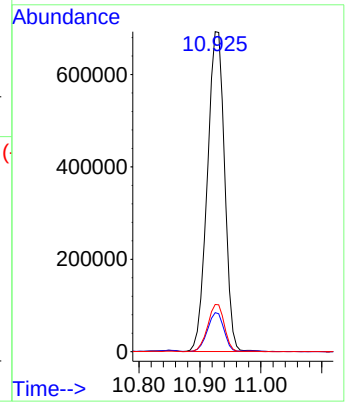


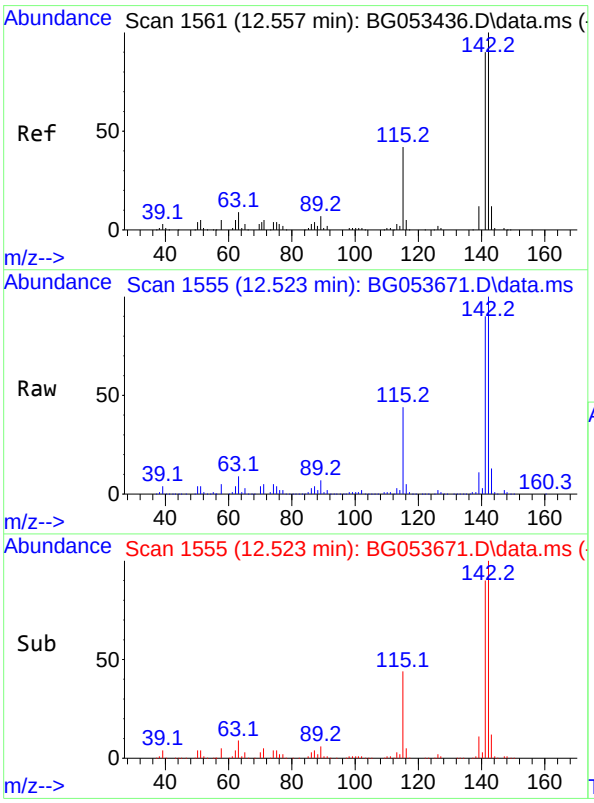
#31
Naphthalene
Concen: 230.692 ng
RT: 10.925 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Instrument :
BNA_G
ClientSampleId :
MW-39

Tgt Ion:128 Resp: 1360945

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.0	13.6
127	14.8	11.1	16.7

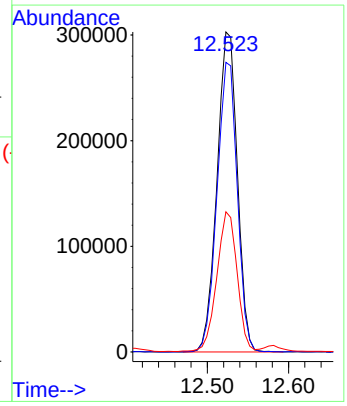


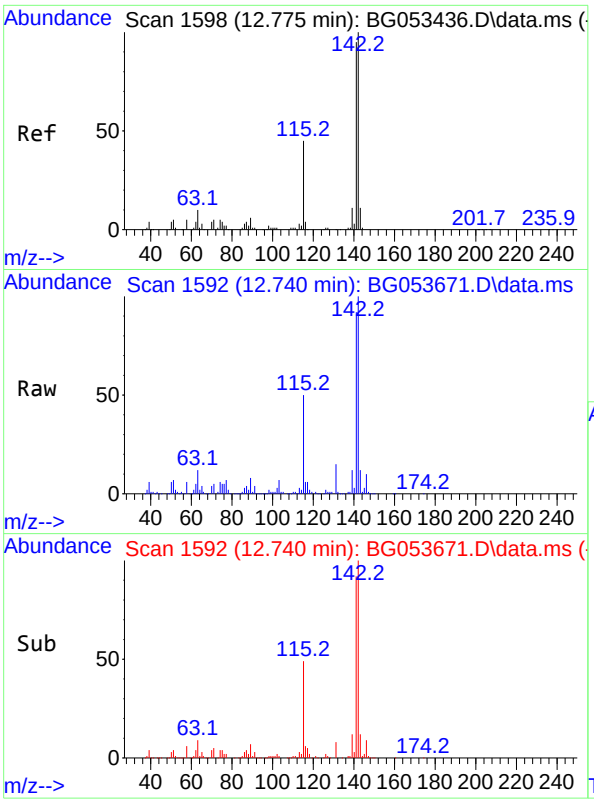


#37
2-Methylnaphthalene
Concen: 119.843 ng
RT: 12.523 min Scan# 1555
Delta R.T. 0.001 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Tgt Ion:142 Resp: 527621

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.3	108.5
115	43.8	33.7	50.5



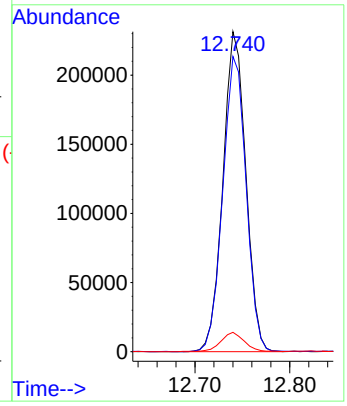


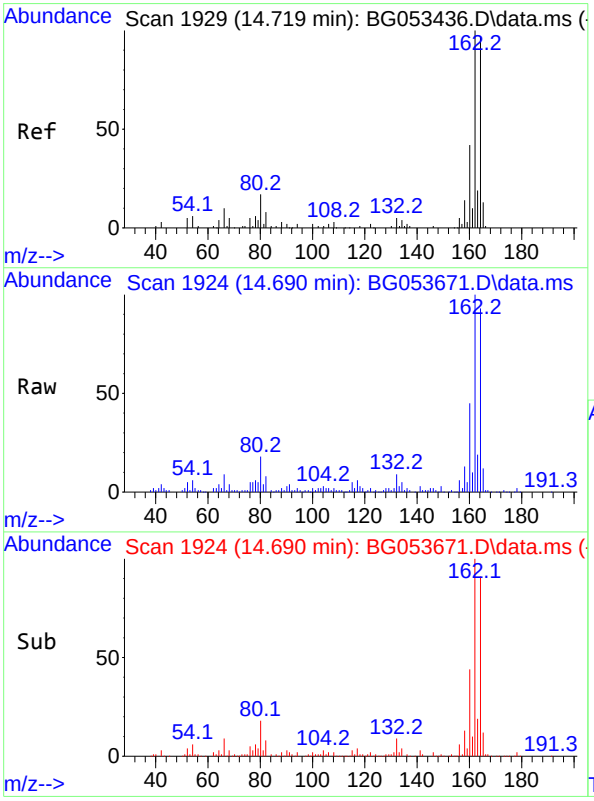
#38
1-Methylnaphthalene
Concen: 90.396 ng
RT: 12.740 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Instrument :
BNA_G
ClientSampleId :
MW-39

Tgt Ion:142 Resp: 388291

Ion	Ratio	Lower	Upper
142	100		
141	92.3	76.4	114.6
116	6.0	3.3	4.9#

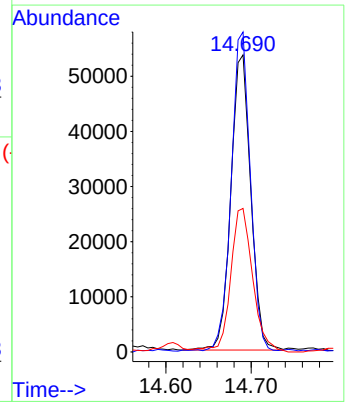


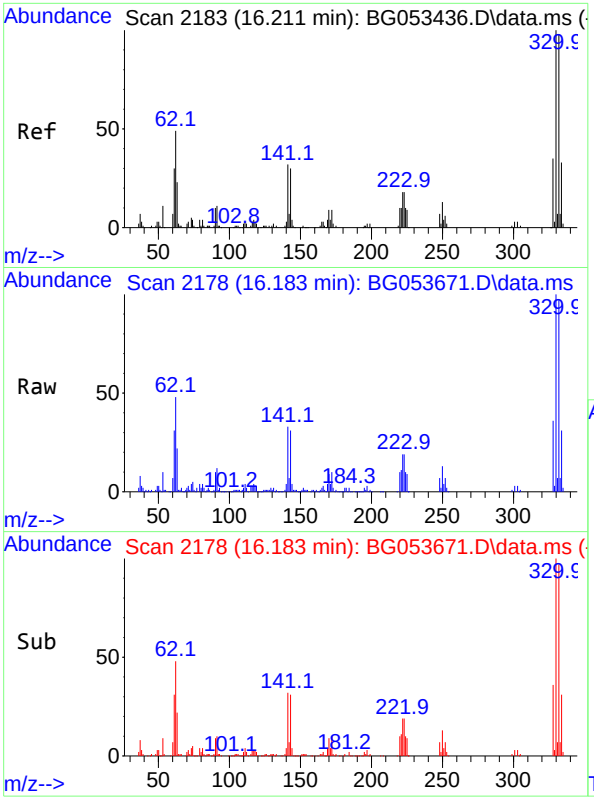


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.690 min Scan# 1924
Delta R.T. 0.001 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Tgt Ion:164 Resp: 86669

Ion	Ratio	Lower	Upper
164	100		
162	107.7	82.3	123.5
160	48.3	34.2	51.2



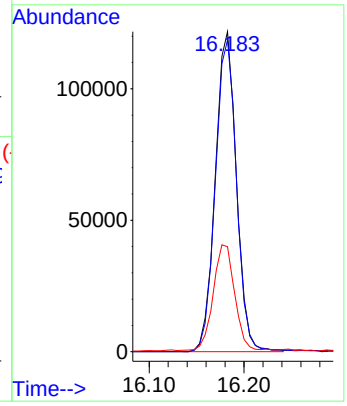


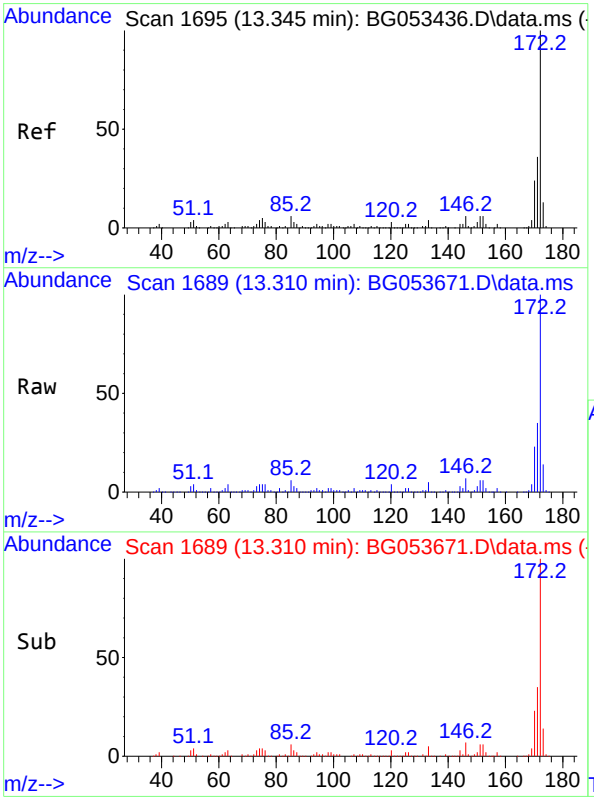
#42
2,4,6-Tribromophenol
Concen: 147.154 ng
RT: 16.183 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Instrument :
BNA_G
ClientSampleId :
MW-39

Tgt Ion:330 Resp: 188102

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.0	114.0
141	33.6	27.1	40.7

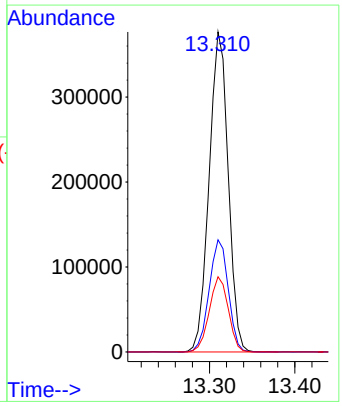


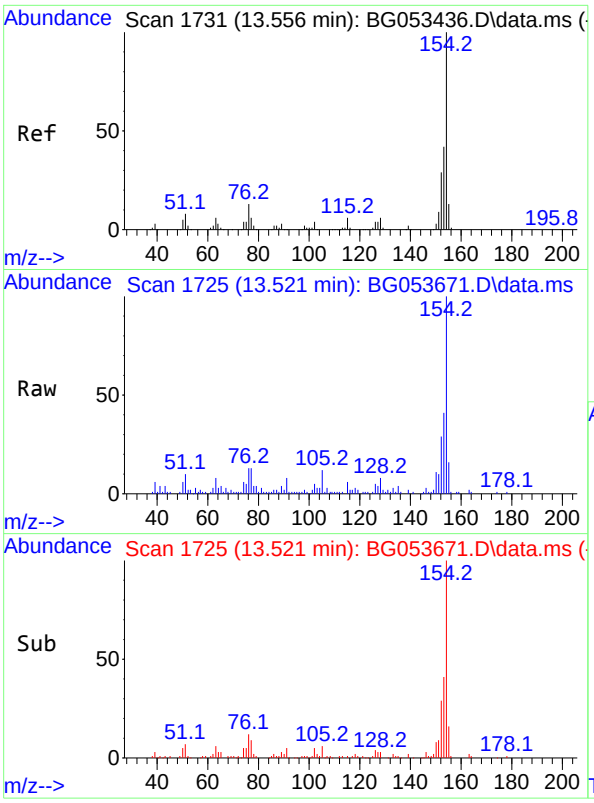


#45
2-Fluorobiphenyl
Concen: 98.753 ng
RT: 13.310 min Scan# 1689
Delta R.T. -0.005 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Tgt Ion:172 Resp: 585708

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.5	18.9	28.3



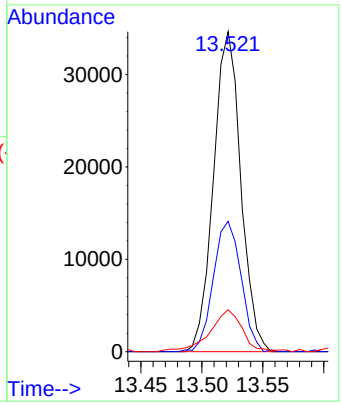


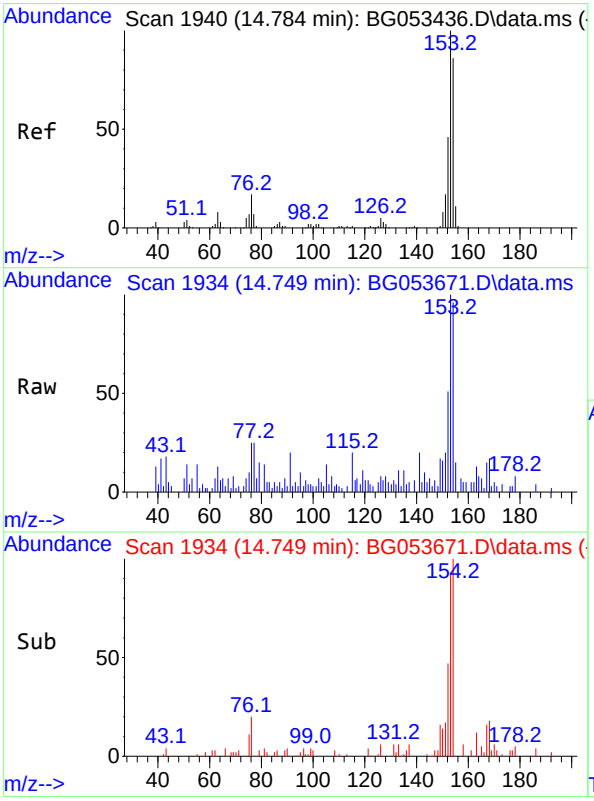
#46
1,1'-Biphenyl
Concen: 9.115 ng
RT: 13.521 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Instrument :
BNA_G
ClientSampleId :
MW-39

Tgt Ion:154 Resp: 53846

Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.6	61.6
76	13.1	0.0	32.6

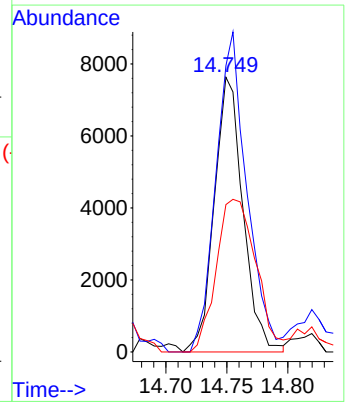


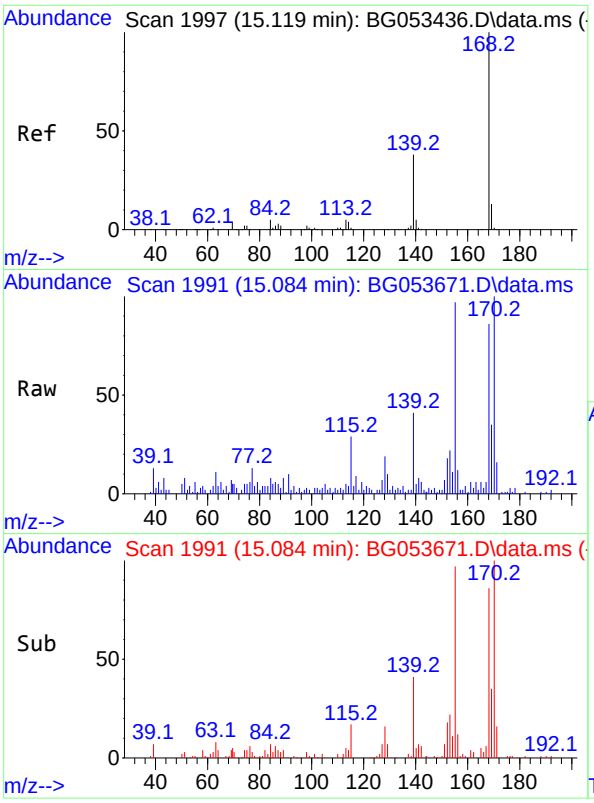


#52
Acenaphthene
Concen: 2.838 ng
RT: 14.749 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Tgt Ion:154 Resp: 12493

Ion	Ratio	Lower	Upper
154	100		
153	104.2	92.7	139.1
152	53.6	42.6	64.0



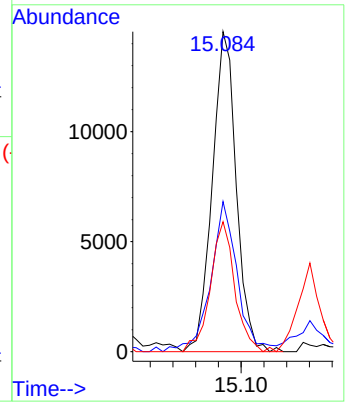


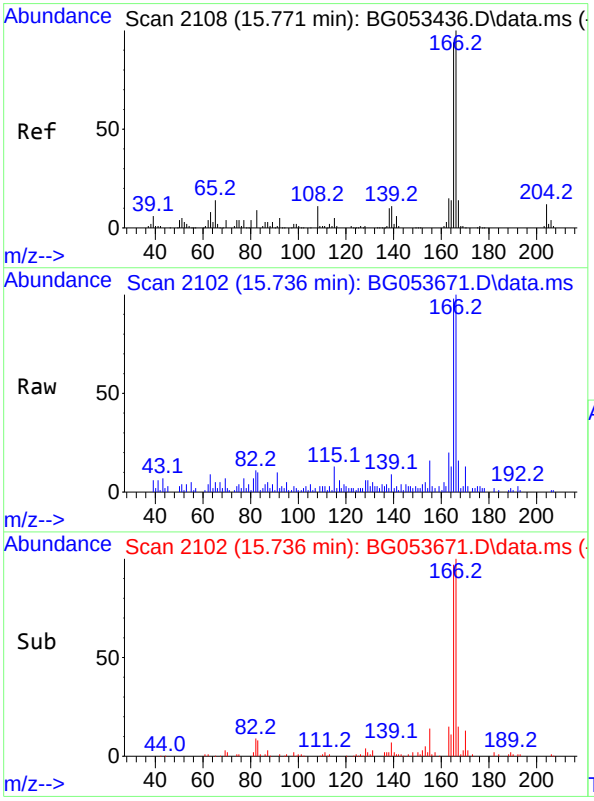
#55
Dibenzofuran
Concen: 2.696 ng
RT: 15.084 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Instrument :
BNA_G
ClientSampleId :
MW-39

Tgt Ion:168 Resp: 21314

Ion	Ratio	Lower	Upper
168	100		
139	46.9	30.5	45.7#
169	40.6	10.3	15.5#

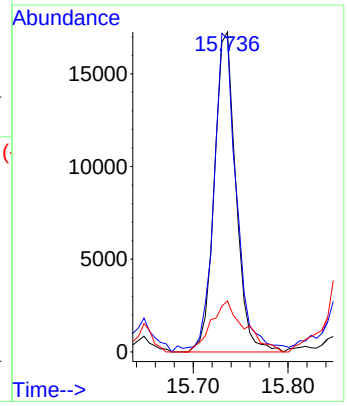


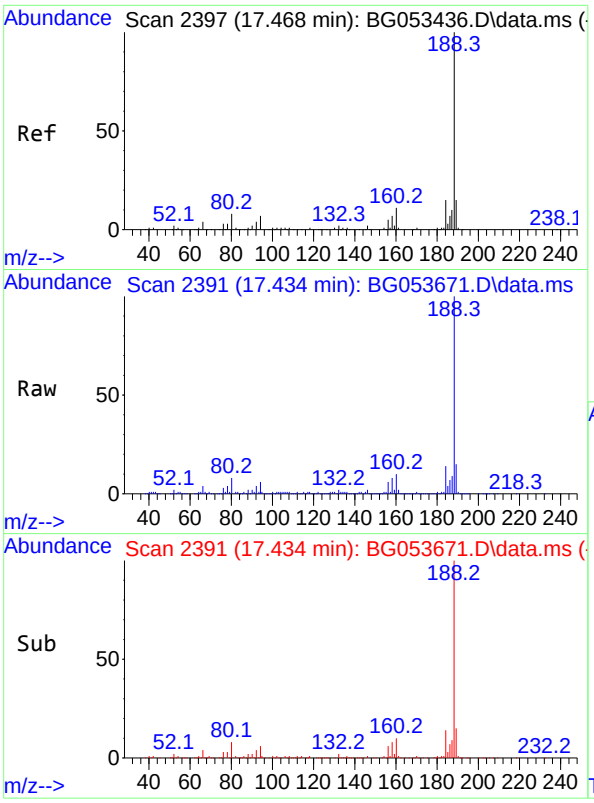


#58
Fluorene
Concen: 4.300 ng
RT: 15.736 min Scan# 2102
Delta R.T. 0.001 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Tgt Ion:166 Resp: 27284

Ion	Ratio	Lower	Upper
166	100		
165	97.9	75.0	112.6
167	15.9	10.8	16.2



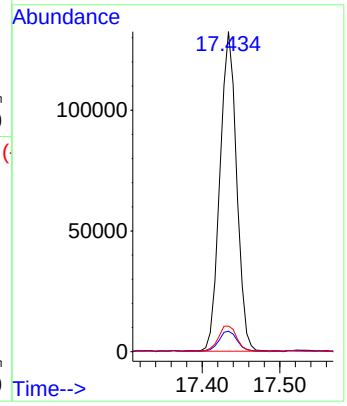


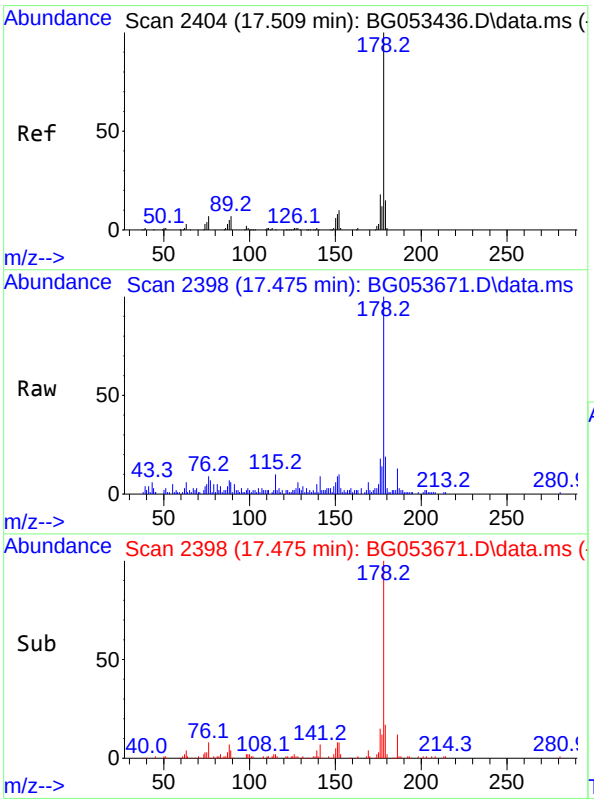
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.434 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Instrument :
BNA_G
ClientSampleId :
MW-39

Tgt Ion:188 Resp: 197514

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.4	8.0
80	8.0	6.8	10.2

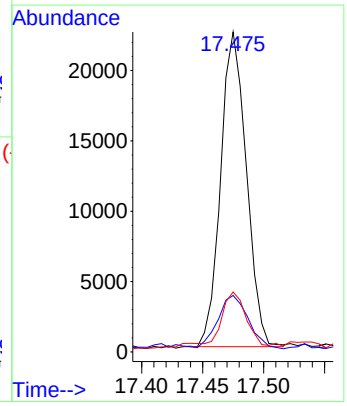


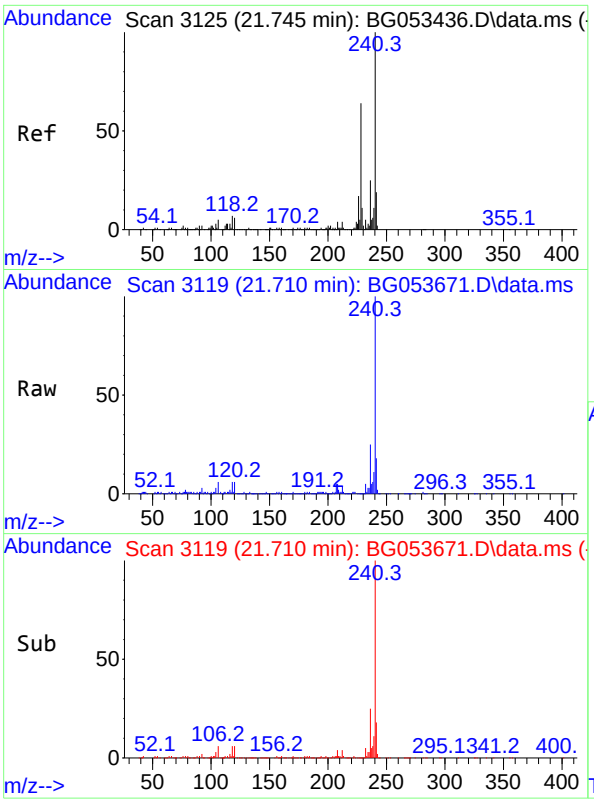


#71
Phenanthrene
Concen: 3.268 ng
RT: 17.475 min Scan# 2398
Delta R.T. -0.005 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Tgt Ion:178 Resp: 32826

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.1	21.1
179	18.8	12.1	18.1#



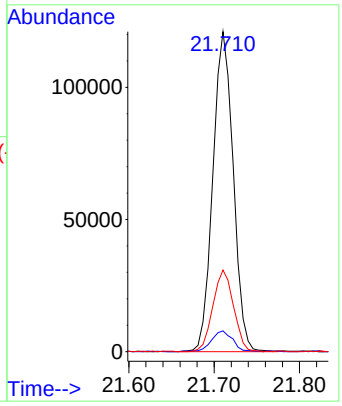


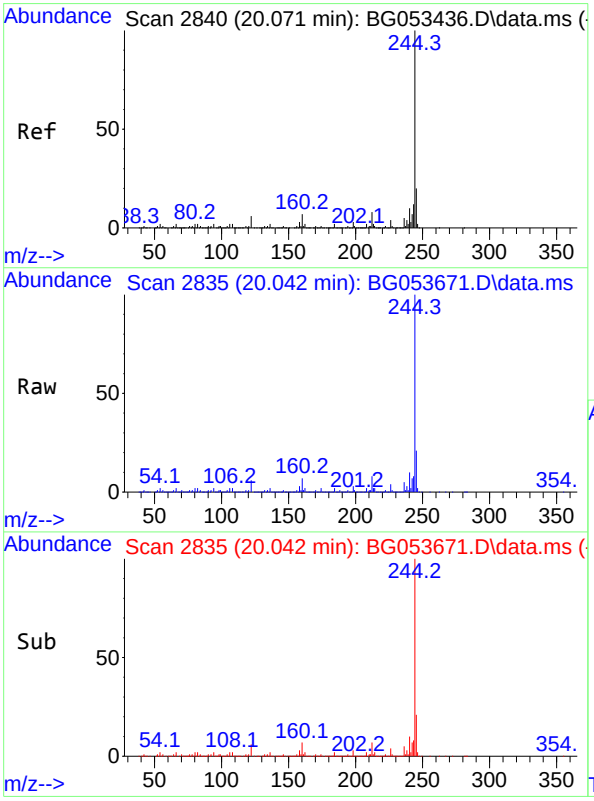
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.710 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Instrument :
BNA_G
ClientSampleId :
MW-39

Tgt Ion:240 Resp: 200828

Ion	Ratio	Lower	Upper
240	100		
120	6.5	4.6	7.0
236	25.5	20.2	30.4

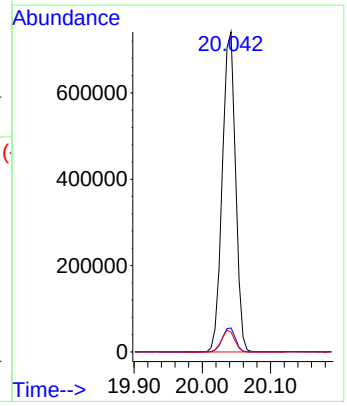


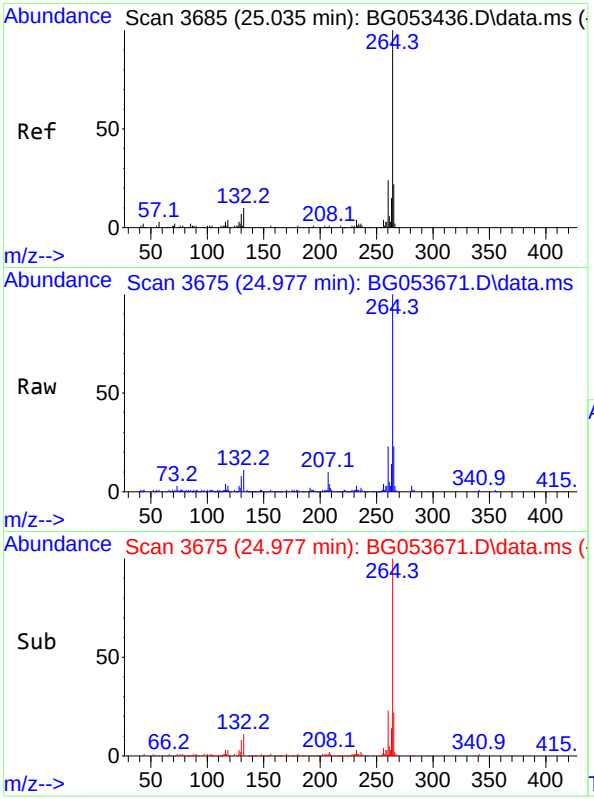


#79
Terphenyl-d14
Concen: 93.052 ng
RT: 20.042 min Scan# 2835
Delta R.T. 0.001 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Tgt Ion:244 Resp: 1003366

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	6.2	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.977 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG053671.D
Acq: 23 May 2022 19:29

Instrument :
BNA_G
ClientSampleId :
MW-39

Tgt Ion:264 Resp: 204222

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.6
265	22.8	17.4	26.2